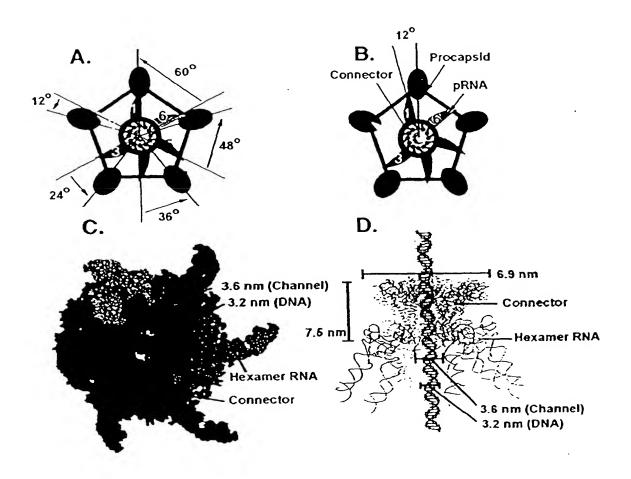
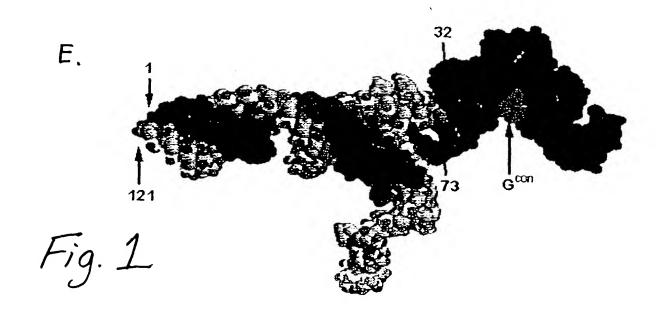
Title: MOLECULAR ROTARY NANOMOTOR AND METHODS OF USE Applicant(s): Pelxuan GUO
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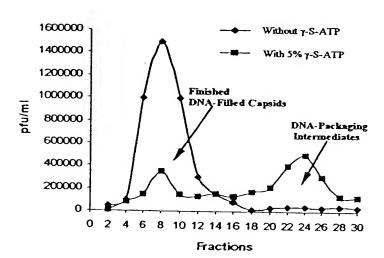




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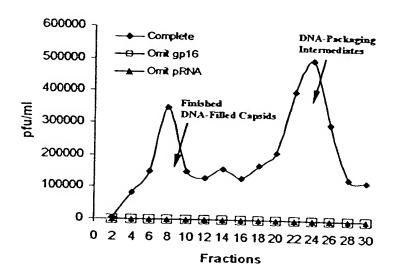
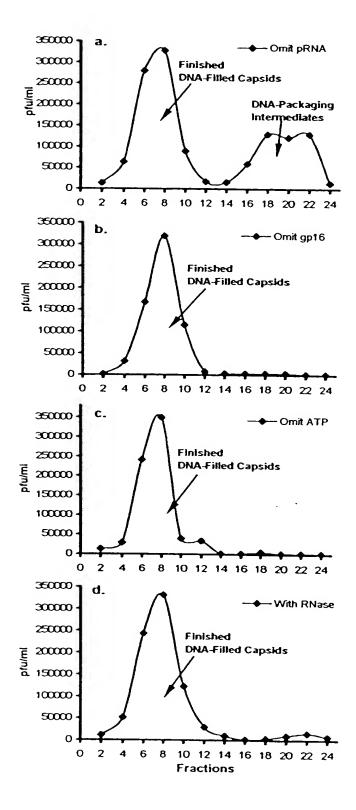


Fig. 3

Applicant(s): Pelxuan GUO Serial No.: Unassigned Express Mail No.: EV073737437US

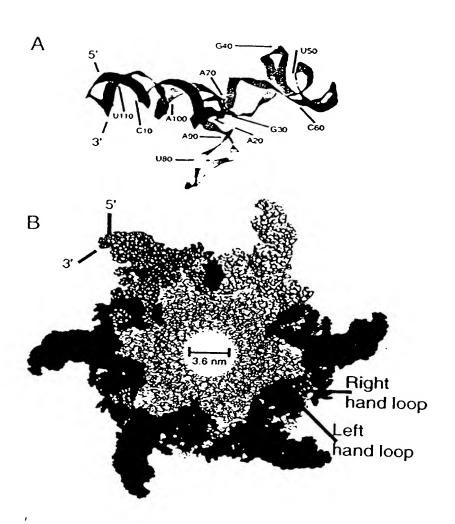
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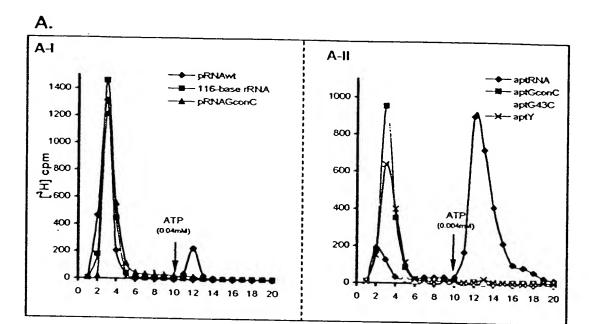


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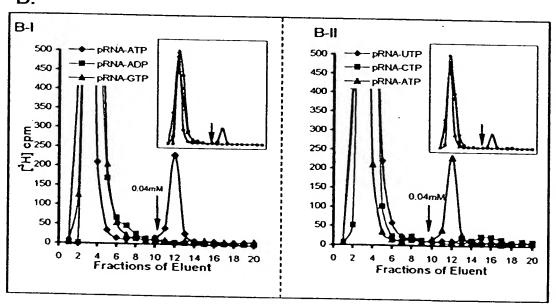
Applicant(s): Peixuan GUO Serial No.: Unassigned Express Mail No.: EV073737437US

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B.



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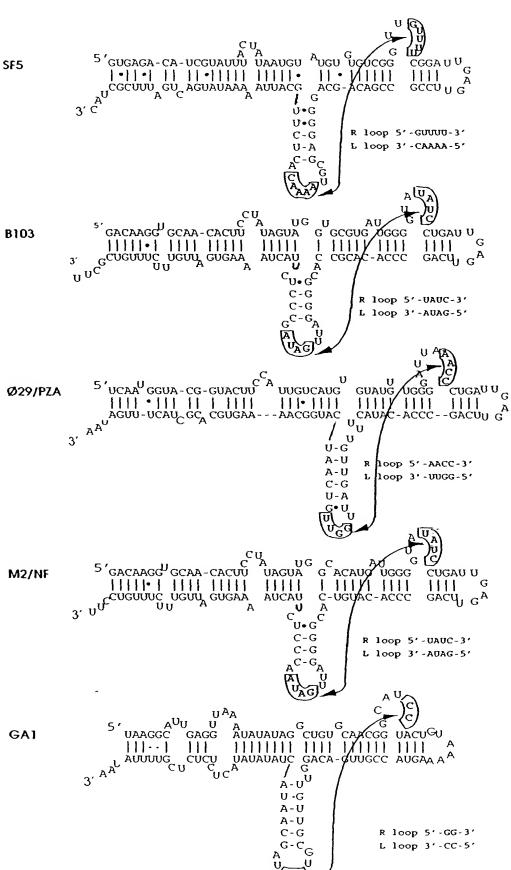
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9 Ö aptRNAG<sup>con</sup>C · 'C a െ ATP binding
RNA aptemer PHIZO PRNA Ö W চ্চ pfu/mi 100000000 10000000 1 0 0 0 0 0 0 ō ONA Concentration (nM) → aptRNA **♦** PRNAW 8 8

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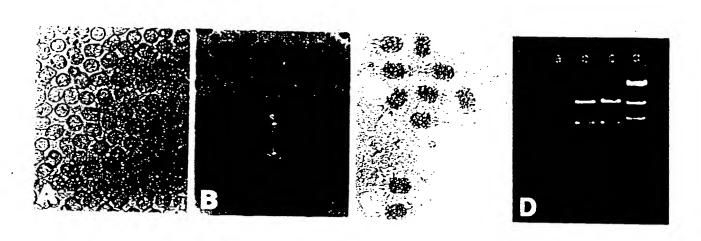
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Fig. 7E



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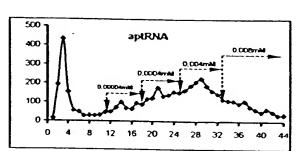
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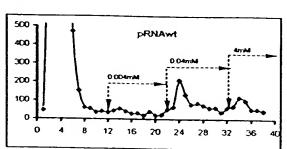
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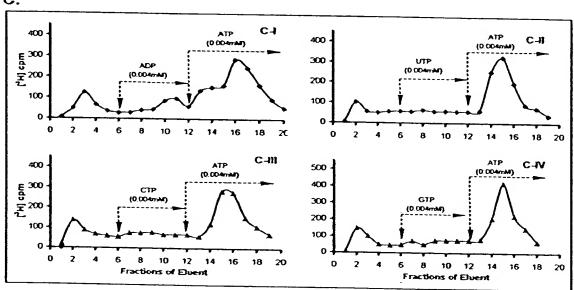




B.





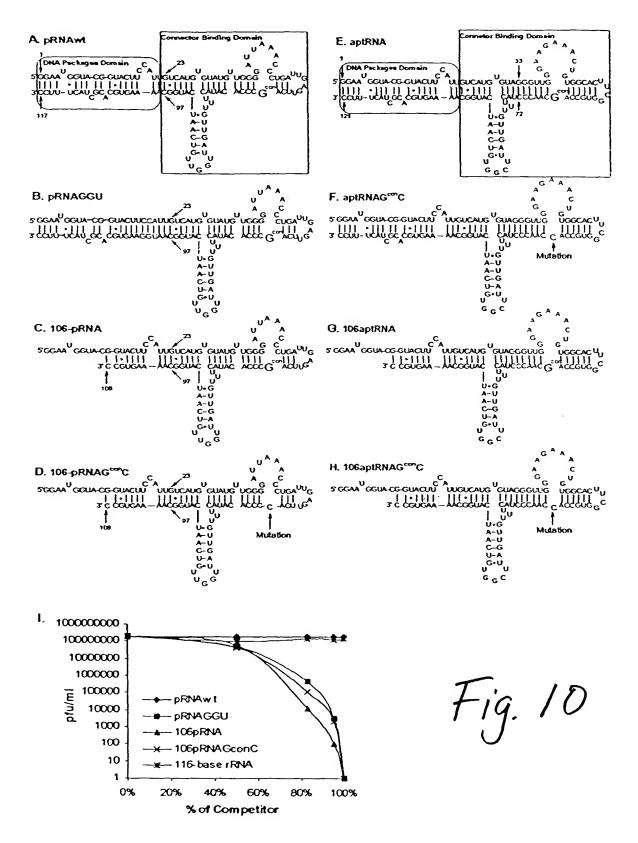


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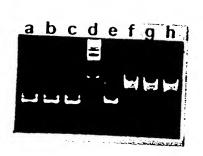
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Inorganic \_ Phosphate

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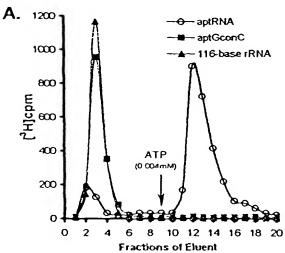
	•	•	•	5		•	■ I	
	1	2	3	4	5	6	7	8
pRNA	-	-	-	-	+	_		+
DNA-gp3	-	+	-	-	-	+	+	+
gp16	-	-	+	-	_	<b>-</b>	+	+
Procapsid	-	-	-	+	-	+	_	+
[γ- <sup>32</sup> P]ΑΤΡ	+	+	+	+	+	+	+	٠

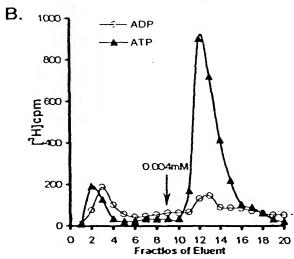
Fig. 12

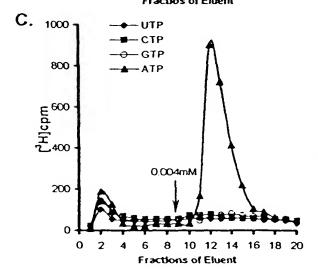
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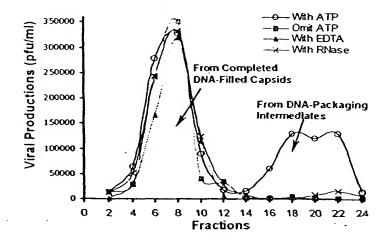
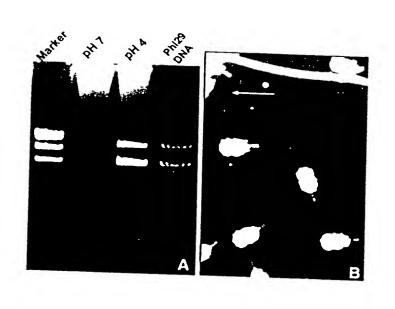


Fig. 14

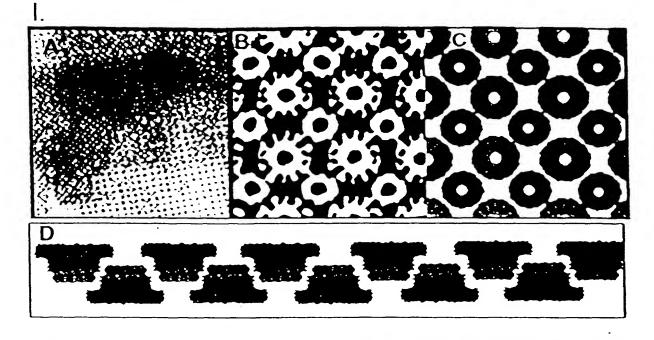
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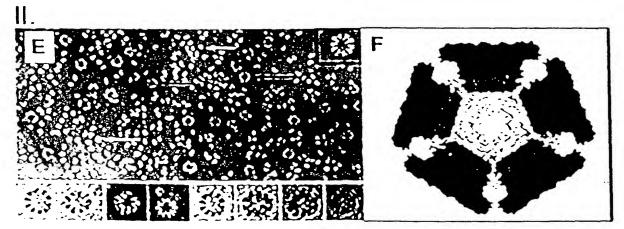
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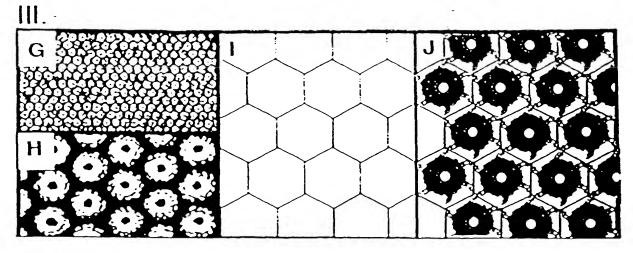


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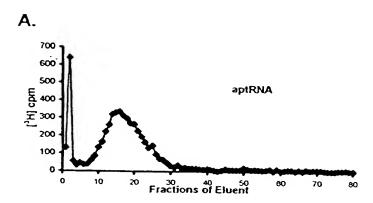




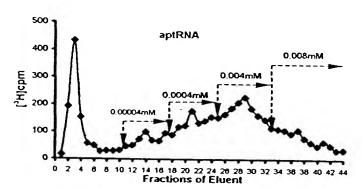
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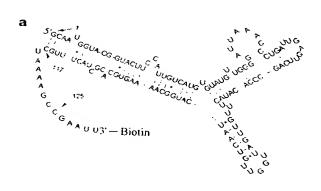
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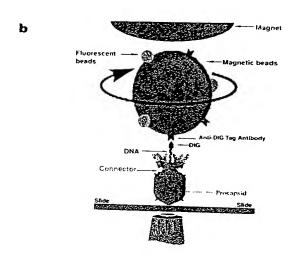






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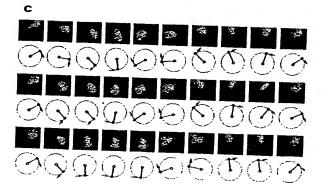


Fig.18

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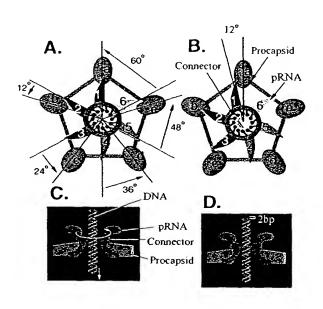


Fig. 19